PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference PCT 21220	FOR FURTHER ACTION	See item 4 below			
International application No. PCT/US2004/011281	International filing date (day/month/year) 08 April 2004 (08.04.2004)	Priority date (day/month/year) 15 April 2003 (15.04.2003)]			
International Patent Classification (IPC) or national classification and IPC 7 A61P 29/00, A61K 31/55, 31/535, C07D 243/00, 265/12, 401/00, 413/00, 417/00					
Applicant MERCK & CO., INC.					

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).					
2.	This REPORT consists of a total of 4 sheets, including this cover sheet.					
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.					
3.	3. This report contains indications relating to the following items:					
	Box No. I	Basis of the report				
	Box No. II	Priority				
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
	Box No. IV	Lack of unity of invention				
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
	Box No. VI	Certain documents cited				
	Box No. VII	Certain defects in the international application				
	Box No. VIII	Certain observations on th	e international application			
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).					
			Date of issuance of this report 21 October 2005 (21.10.2005)			
	The International Bure		Authorized officer			
	34, chemin des Cole 1211 Geneva 20, Sw		Agnes Wittmann-Regis			

Telephone No. +41 22 338 89 70

PATENT COOPERATION TREATY

,	From the INTERNATIONAL SEARCHING AUTHORITY					REC'D 18 FEB 2005		
	To: David A. Rubin			PCT				
	MERCK & CO. INC. 126 EAST LINCOLN AVENUE				WIPO		PCT	
	RAHWAY, NJ 07065-0907			ITTEN OPINION NAL SEARCHI			ITY	
				(PCT Rule 43bi	is.1)			
		·	Date of mailing (day/month/year)	16 FEB	2005			
	Applicant's or agent's file reference		FOR FURTHER ACTION See paragraph 2 below					
	PCT 21220							
~~	International application No.	nternational filing date (d	day/month/year)	Priority date (day/n	onth/year)		
(9)	PCT/US04/11281 0: International Patent Classification (IPC) or b	8 April 2004 (08.04.200 poth national classification		15 April 2003 (15.0	04.2003)			
IPC(7): A61P 29/00; A61K 31/55, 31/535; C07D 243/00, 265/12, 401/00, 413/00, 417/00 and US Cl.: 514/217.05, 218, 230.5; 540/481, 492, 599; 544/90					540/481,			
•	Applicant							
	MERCK & CO. INC.							
1. This opinion contains indications relating to the following items:								
Box No. I Basis of the opinion Box No. II Priority								
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability							
	Box No. IV Lack of unity of	of invention					•	
\bigcirc	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
	Box No. VI Certain documents cited							
	Box No. VII Certain defects	s in the international app	lication					
	Box No. VIII Certain observ	rations on the internation	al application		٠			
	2. FURTHER ACTION							
	If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.						ses an	
	If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.					to the		
	For further options, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220.							
	Name and mailing address of the ISA/US		Authorized officer	•		-		
	Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Brenda L. Colem	an				
	P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Telephone No. 57	71-272-1600				

Form PCT/ISA/237 (cover sheet) (January 2004)



International application No.

PCT/US04/11281

	Box No. I Basis of this opinion
	1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)). 2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of: a. type of material a sequence listing table(s) related to the sequence listing b. format of material in written format in computer readable form
	c. time of filing/furnishing contained in international application as filed. filed together with the international application in computer readable form. furnished subsequently to this Authority for the purposes of search.
)	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished. 4. Additional comments:

Form PCT/ISA/237(Box No. I) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/11281

	le 43 <i>bis</i> .1(a)(i) with regard to novelty, inven lanations supporting such statement	tive step or industrial
1. Statement		
Novelty (N)	Claims 1-25 Claims NONE	YES
Inventive step (IS)	Claims 1-25 Claims NONE	YES
Industrial applicability (IA)	Claims 1-25 Claims NONE	YES
compositions and method of use of the compounds. Claims 1-25 meet the criteria set out in PCT Articl	s of formula I. le 33(4), and thus the compounds, compositions and	method of use of the compounds
	Novelty (N) Inventive step (IS) Industrial applicability (IA) 2. Citations and explanations: Claims 1-25 meet the criteria set out in PCT Articl compositions and method of use of the compounds. Claims 1-25 meet the criteria set out in PCT Articles.	Novelty (N) Claims 1-25 Claims NONE Inventive step (IS) Claims 1-25 Claims NONE Industrial applicability (IA) Claims 1-25 Claims NONE

Form PCT/ISA/237 (Box No. V) (January 2004)